

Claims**Cancel Claims 1-20**

Claim 21 (New) A project management workflow system comprising a project management system providing a first task with a start date, and estimated duration; a workflow system providing a route, a sequence of process steps with a user for each step to perform the step; such that a first route is defined to perform the first task; when the first task is started in the project management system, then the first route is started in the workflow system; when the first route is completed, then the first task is completed in the project management system.

Claim 22 (New) The system of Claim 21, wherein the project management system provides a second task defined to start at the completion of the first task and a second route is defined to perform the second task such that when the first task is completed, the second task is started in the project management system and then the second route is started in the workflow system; when the second route is completed, then the second task is completed in the project management system.

Claim 23 (New) The system of Claim 21, wherein the project management system provides a second task defined to start at the completion of the first task and a third task with a third route defined to perform the third task such that when the project management system is changed so that the third task is defined to start at the completion of the first task rather than the second task, then: when the first task is completed, the third task is started in the project management system and then the third route is started in the workflow system; when the third route is completed, then the third task is completed in the project management system.

Claim 24 (New) The system of Claim 21, wherein the time to complete the first route is set in the project management system as the actual time for the first task.

Claim 25 (New) The system of Claim 21, wherein the project management system provides a user for the first task and the user in the first route is set to the user in the first task.

Claim 26 (New) The system of Claim 21, wherein the project management system sends a starting message, including an e-mail or xml message, to the workflow system at the start of the first task to start the first route and the workflow system sends a completion message at the completion of the first route to the project management system to complete the task.

Claim 27 (New) The system of Claim 21, wherein a step in the first route is designated as partial completion of the first task such that when the step is completed, the workflow system sends a message, including an e-mail or xml message, to the project management system to indicate partial completion of the first task.

Claim 28 (New) A method to form a project workflow system from:
a project management system providing a first task with a start date and estimated duration; and
a workflow system providing a route, a sequence of process steps with a user for each step to perform the step;
wherein the method comprises:
a first route is defined to perform the first task;
when the first task is started in the project management system, then the first route is started in the workflow system;
when the first route is completed in the workflow system, then the first task is completed in the project management system.

Claim 29 (New) The method of Claim 28, wherein the project management system provides a second task defined to start at the completion of the first task, the method further comprises:

a second route is defined to perform the second task;
when the first task completes and the second task is started, then the second

route is started;

when the second route is completed, then the second task is completed.

Claim 30 (New) The method of Claim 28, wherein the project management system provides a second task defined to start at the completion of the first task and a second route is defined to perform the second task and a third task with a third route defined to perform the third task where the method further comprises:

when the project management system is changed so that the third task is defined to start at the completion of the first task rather than the second task, then:

when the first task is completed, the third task is started in the project management system and then the third route is started in the workflow system; when the third route is completed, then the third task is completed in the project management system.

Claim 31 (New) The method of Claim 28, wherein the time to complete the first route is set in the project management system as the actual time for the first task.

Claim 32 (New) The method of Claim 28, wherein the project management system provides a user for the first task and the user in the first route is set to the user in the first task.

Claim 33 (New) The method of Claim 28, wherein the project management system sends a starting message, including an e-mail or xml message, to the workflow system at the start of the first task to start the first route and the workflow system sends a completion message at the completion of the first route to the project management system to complete the first task.

Claim 34 (New) The method of Claim 28, wherein a step in the first route is designated as partial completion of the first task such that when the step is completed, the workflow system sends a message, including an e-mail or xml message, to the project management system to indicate partial completion of the first task.

Claim 35 (New) A method to couple separate workflow routes for a workflow system into a sequential execution of routes by use of a project management system

where the workflow system provides a first route, a sequence of process steps with a user for each step to perform the step, and

a second route; and

the project management system provides a first task with start date and estimated duration and

a second task where at the completion of the first task, the second task is started; wherein the method provides:

the first route is defined to perform the first task and

the second route is defined to perform the second task; such that

when the first task is started in the project management system, then the first route is started in the workflow system;

when the first route completes, then the first task is completed and

the second task is started in the project management system and then the second route is started in the workflow system;

when the second route is completed, then the second task is completed.

Claim 36 (New) The method of Claim 35, wherein the project management system provides

a third task with a third route defined to perform the third task such that

when the project management system is changed so that the third task is defined to start at the completion of the first task rather than the second task, then:

when the first task is completed, the third task is started in the project

management system and then the third route is started in the workflow system;

when the third route is completed, then the third task is completed in the project management system.

Claim 37 (New) The method of Claim 35, wherein the time to complete the first route is set in the project management system as the actual time for the first task.

Claim 38 (New) The method of Claim 35, wherein the project management system provides a user for the first task and the user in the first route is set to the user in the first task.

Claim 39 (New) The method of Claim 35, wherein the project management system sends a starting message, including an e-mail or xml message, to the

workflow system at the start of the first task to start the first route and the workflow system sends a completion message at the completion of the first route to the project management system.

Claim 40 (New) The system of Claim 35, wherein a step in the first route is designated as partial completion of the first task such that when the step is completed, the workflow system sends a message, including an e-mail or xml message, to the project management system to indicate partial completion of the first task.